

1/20

FIG. 1A

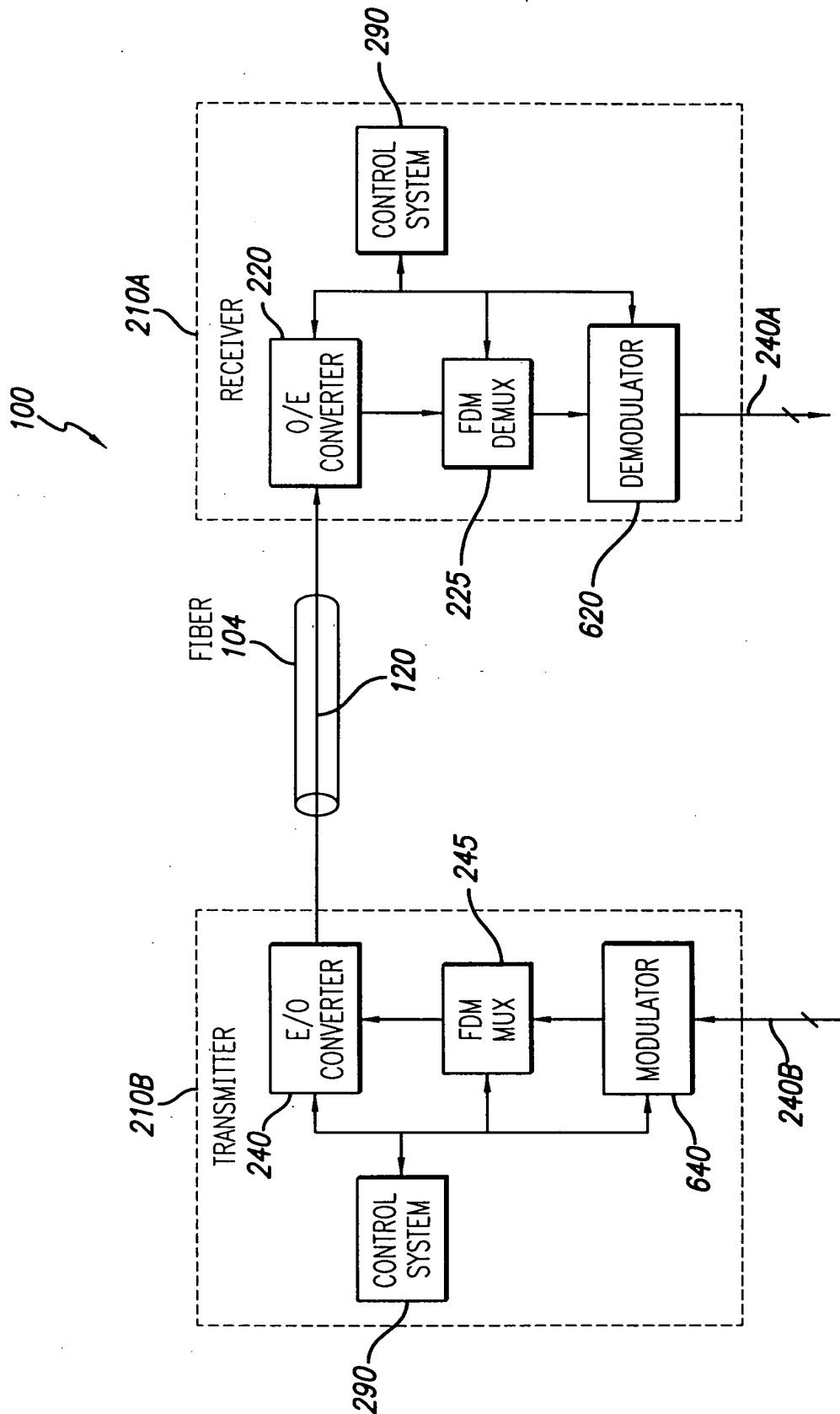


FIG. 1B

2/20

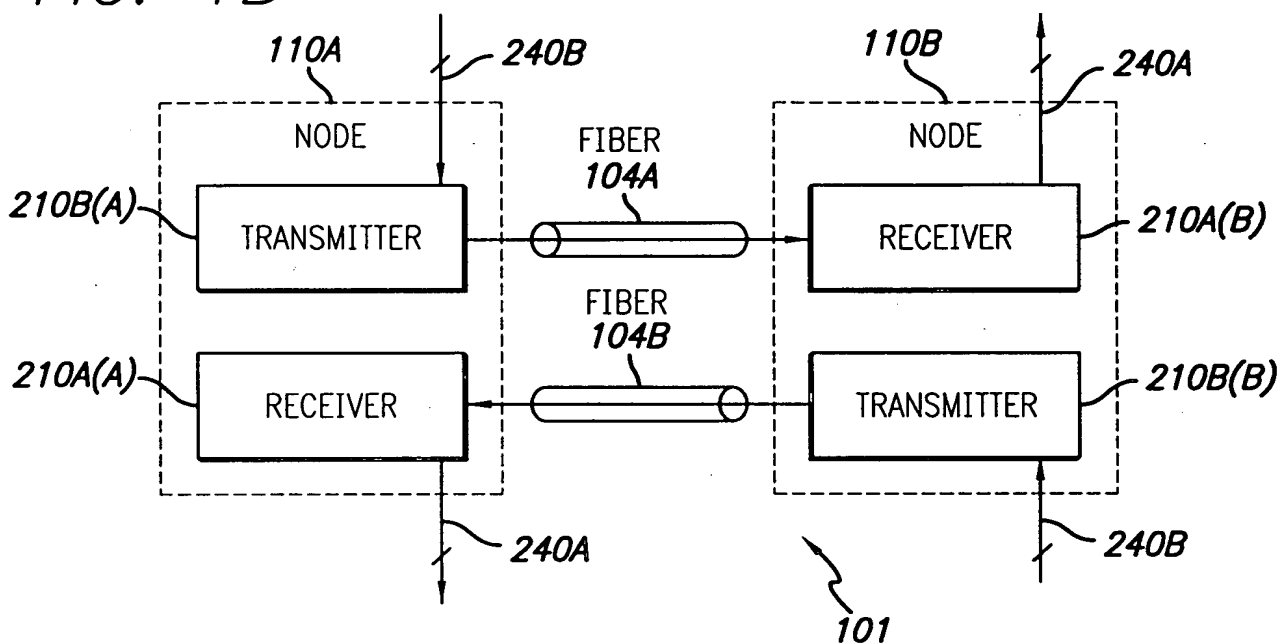
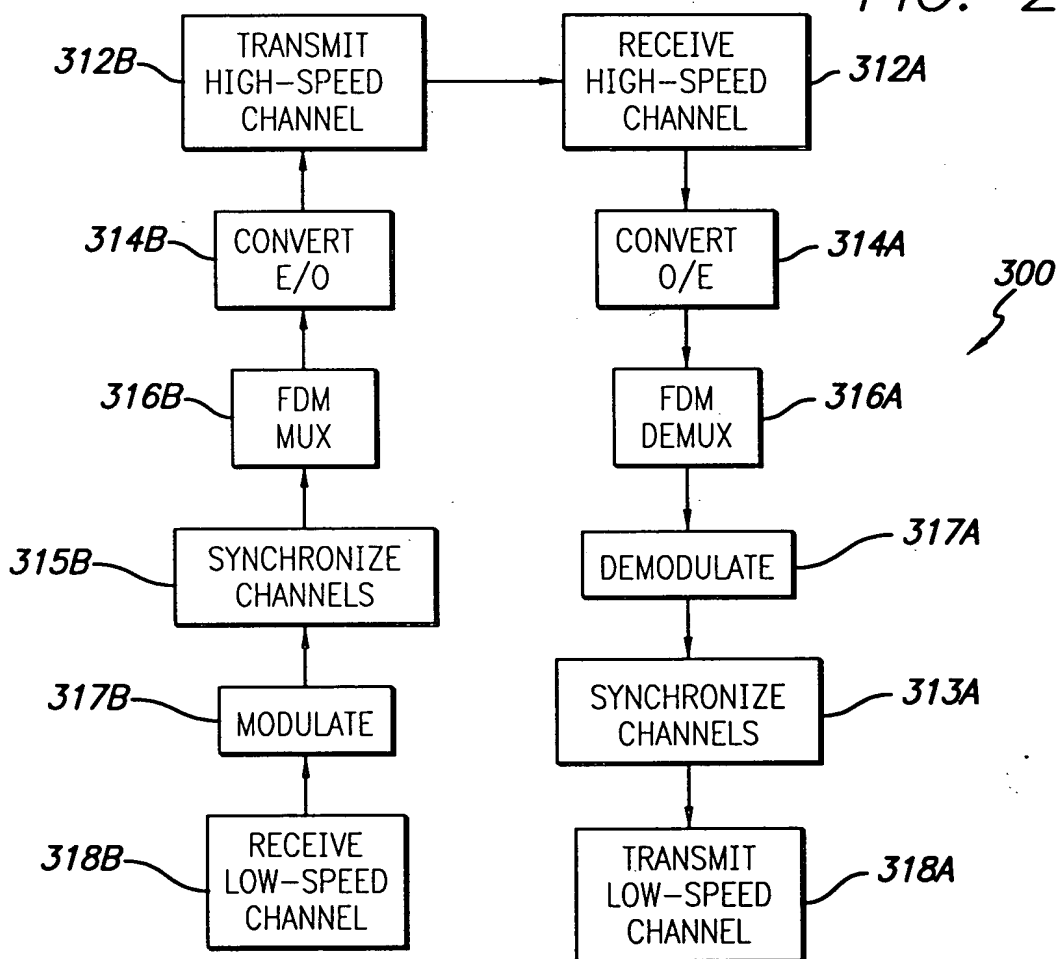


FIG. 2



3/20

FIG. 3A

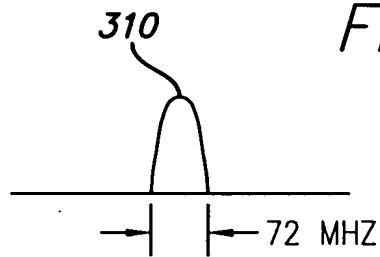


FIG. 3B

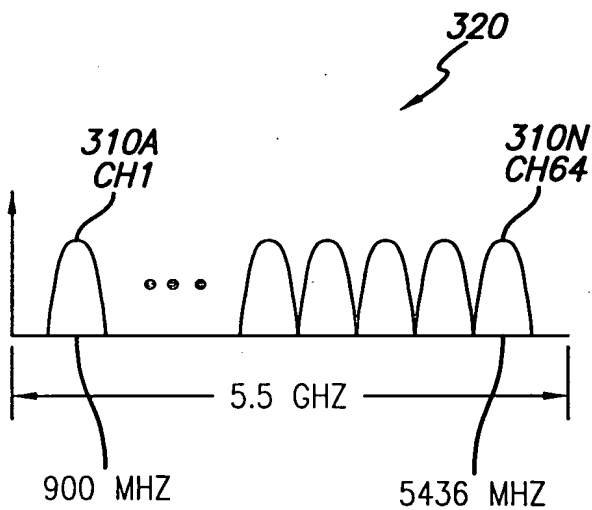


FIG. 3C

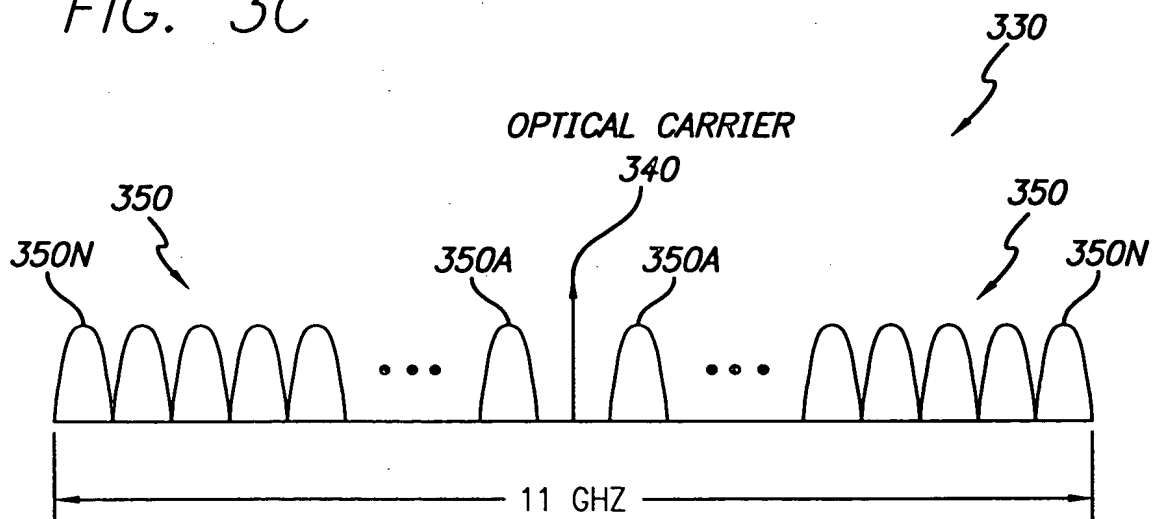


FIG. 4A

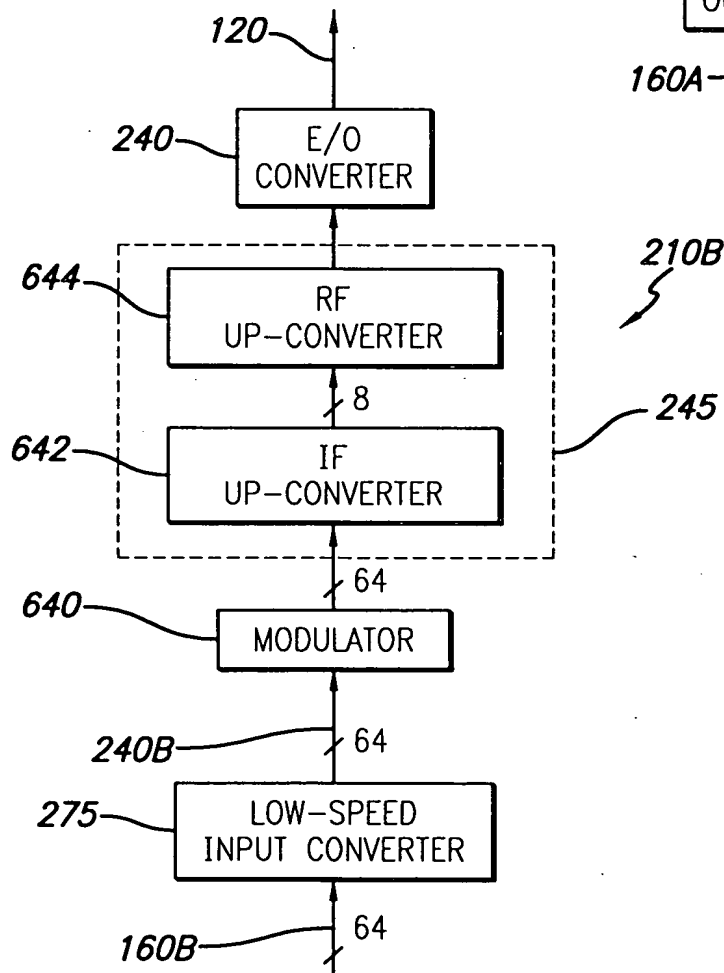
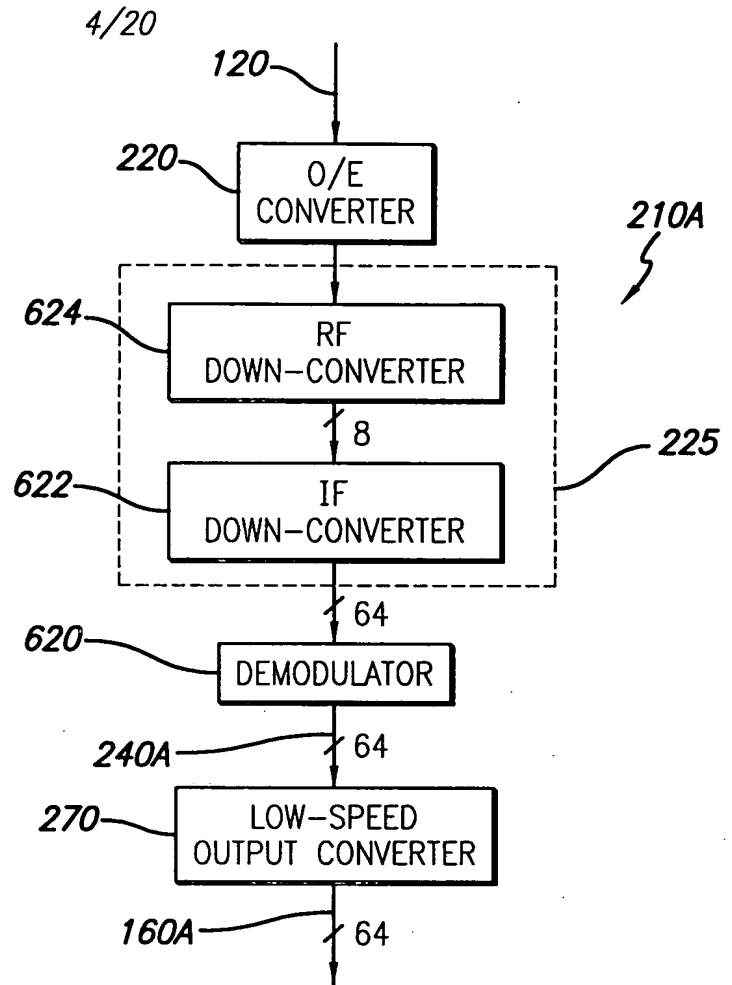
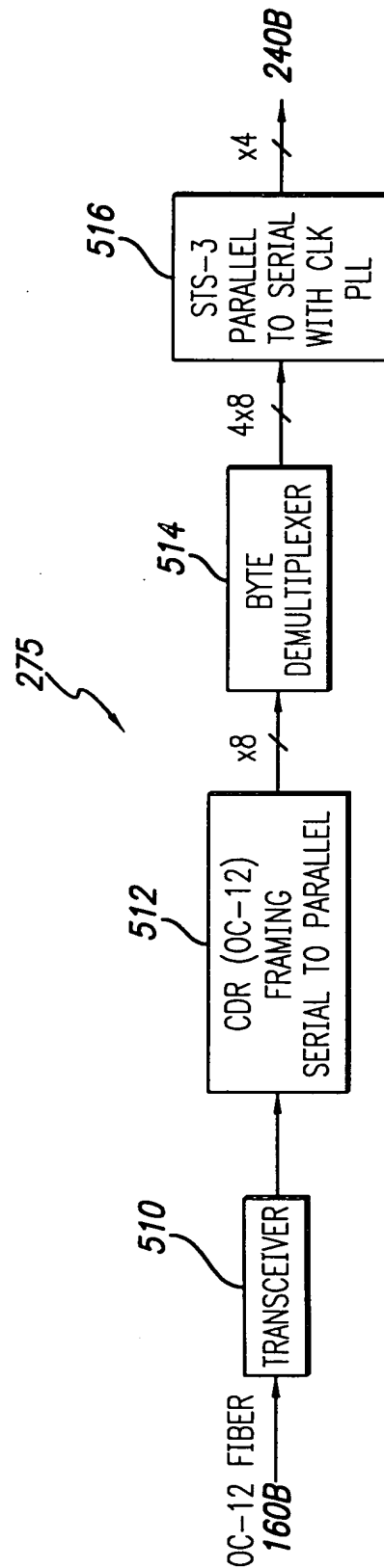
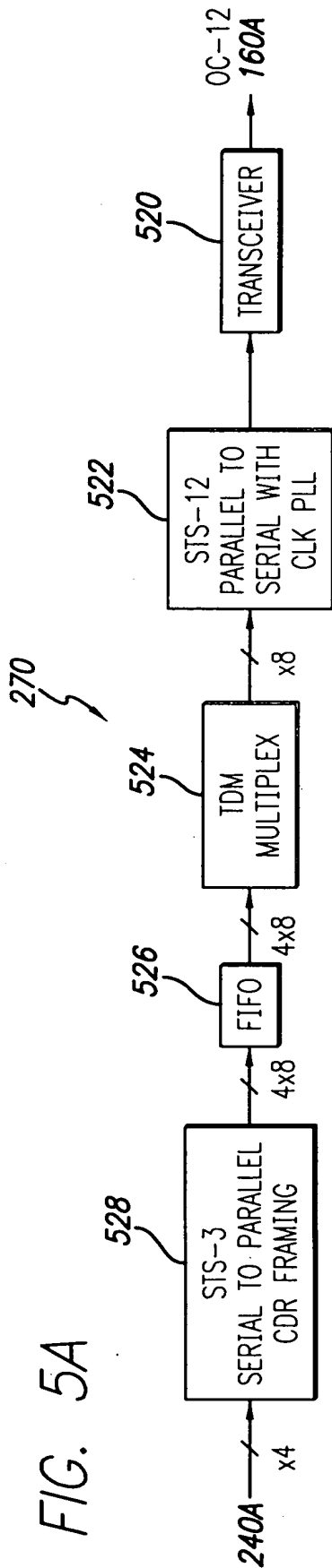


FIG. 4B

5/20



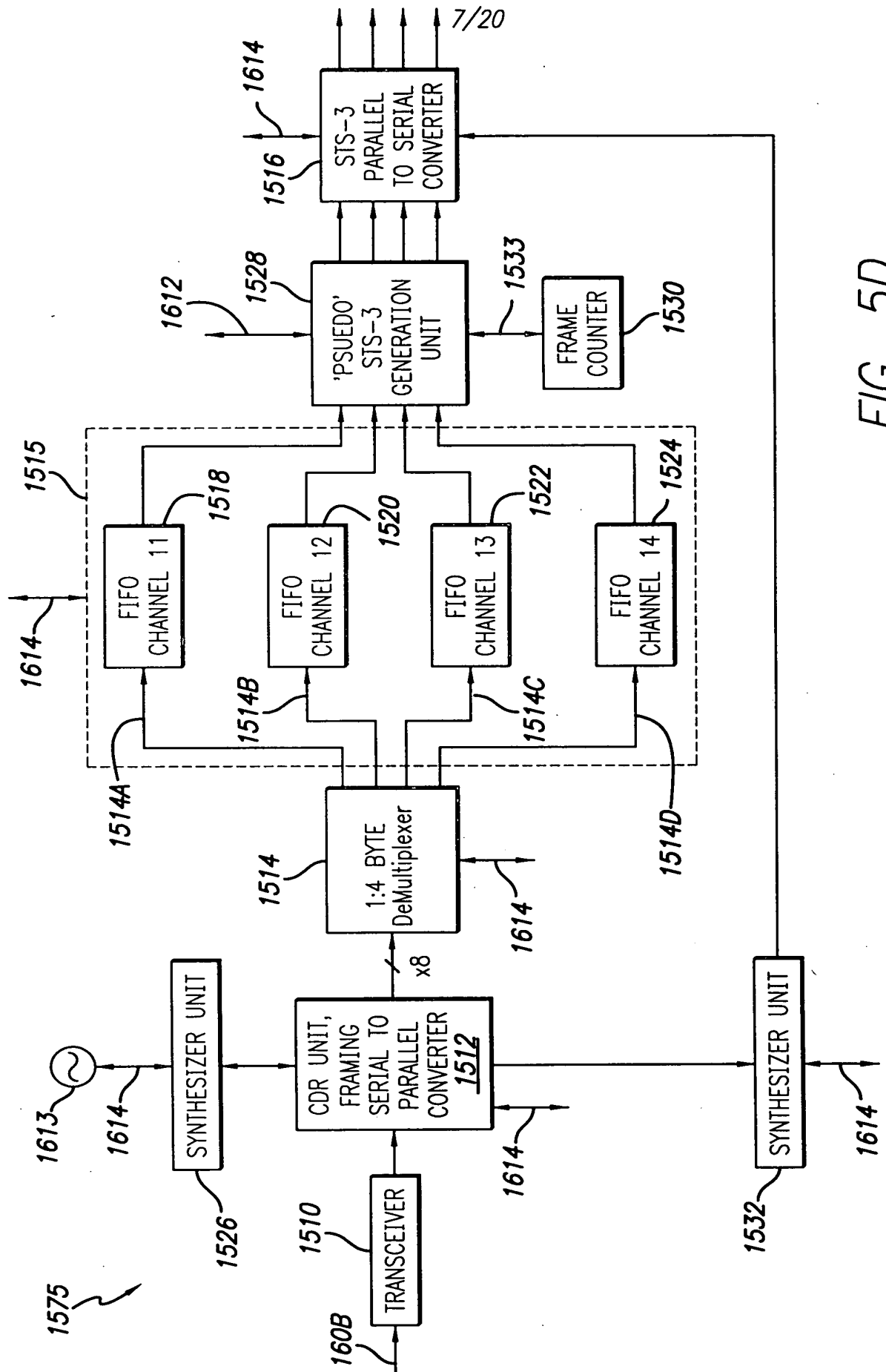
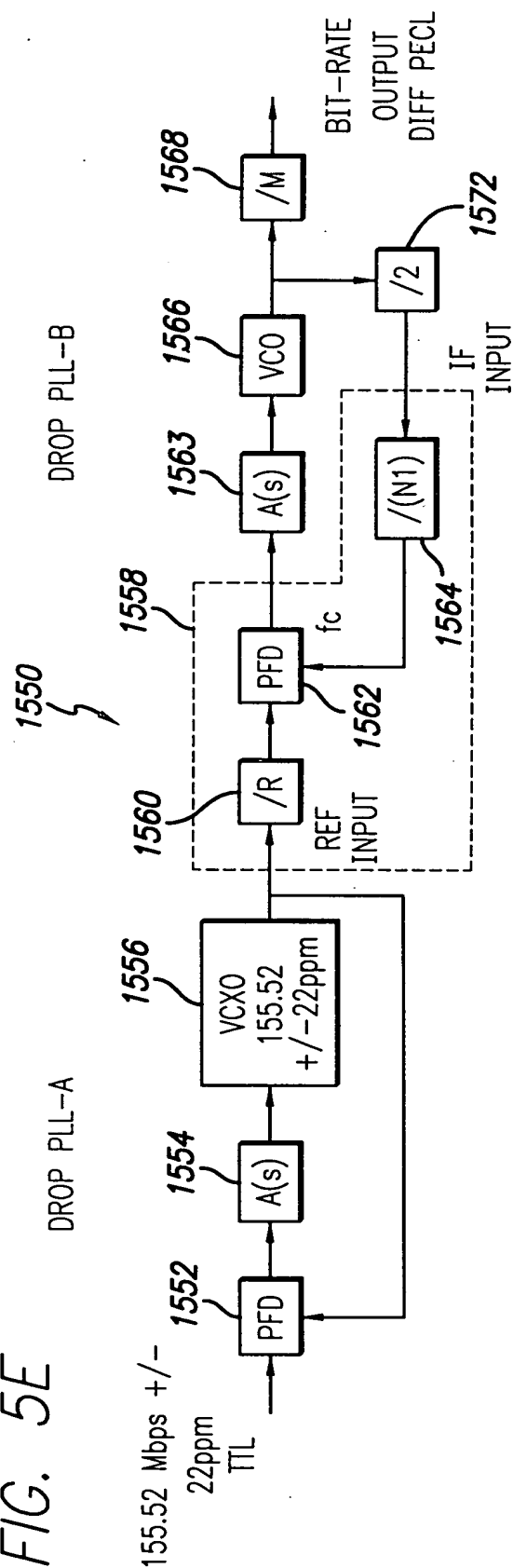
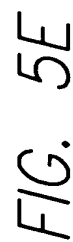


FIG. 5D

1534



8/20

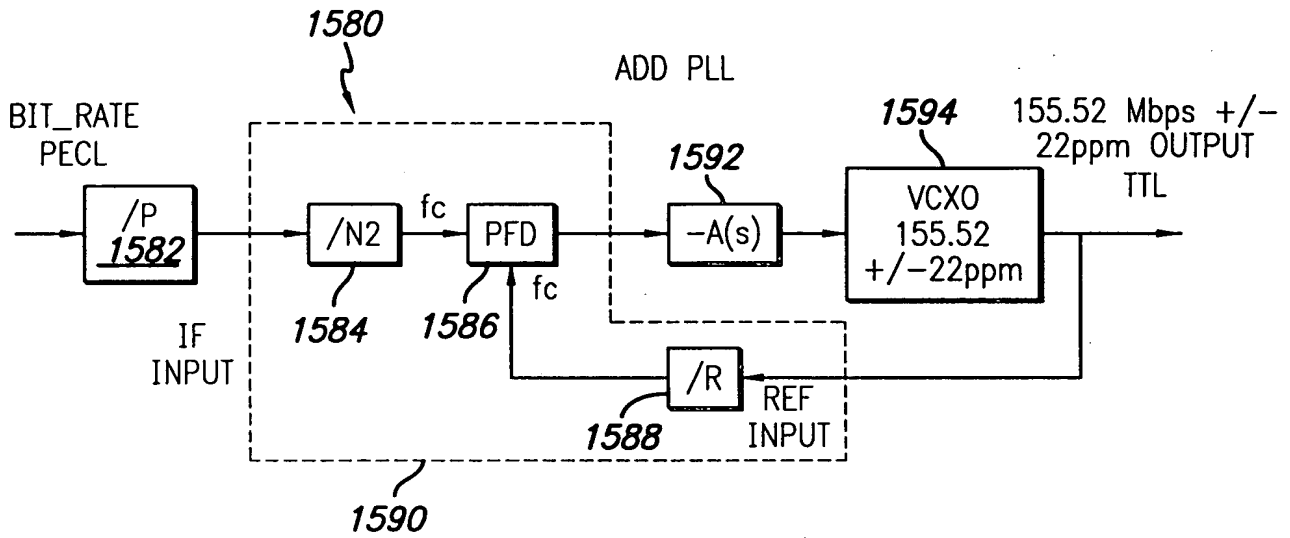


FIG. 5F

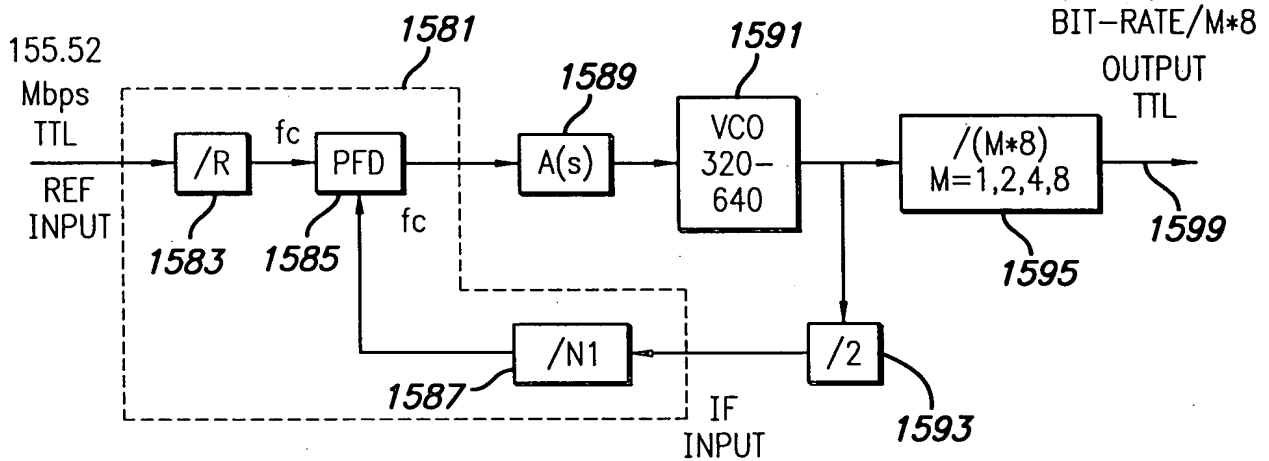


FIG. 5G

9/20

FIG. 6A

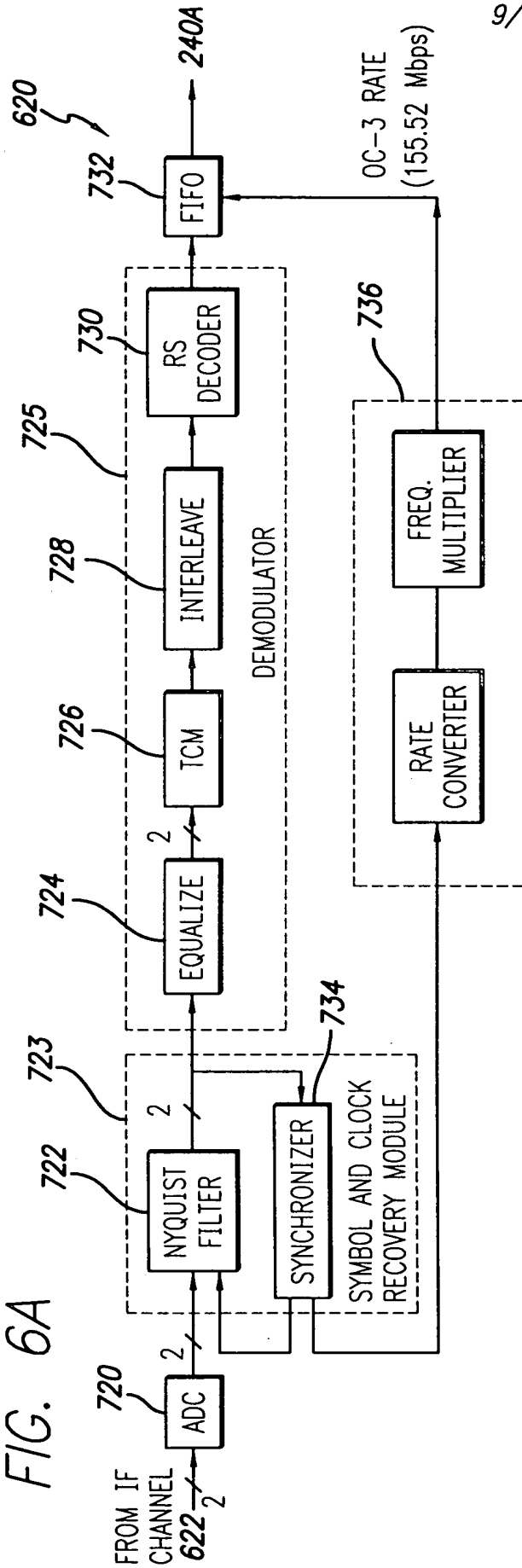
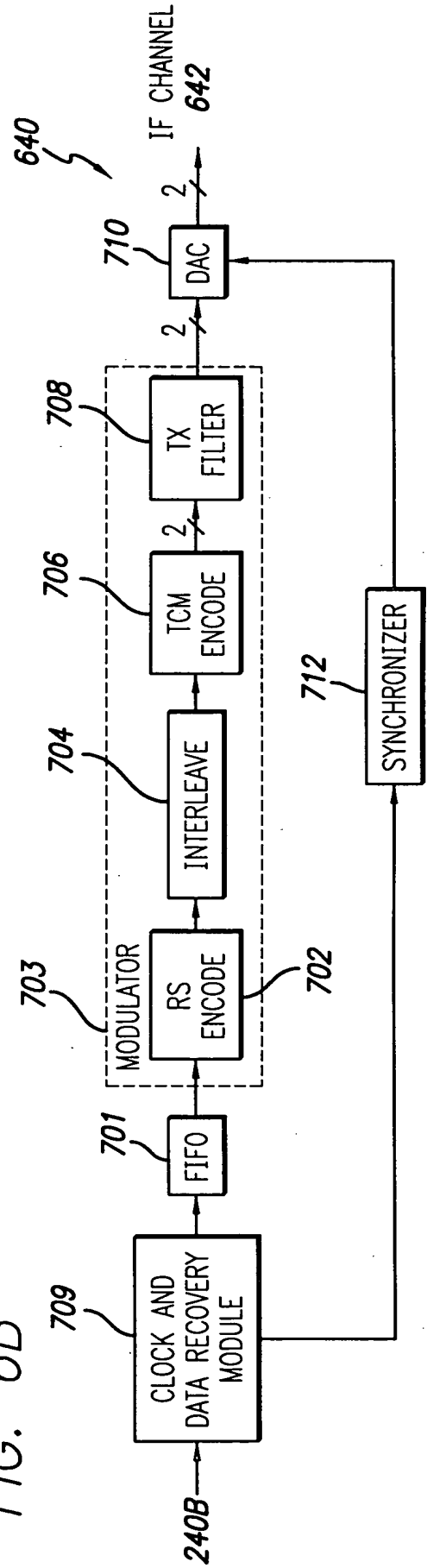
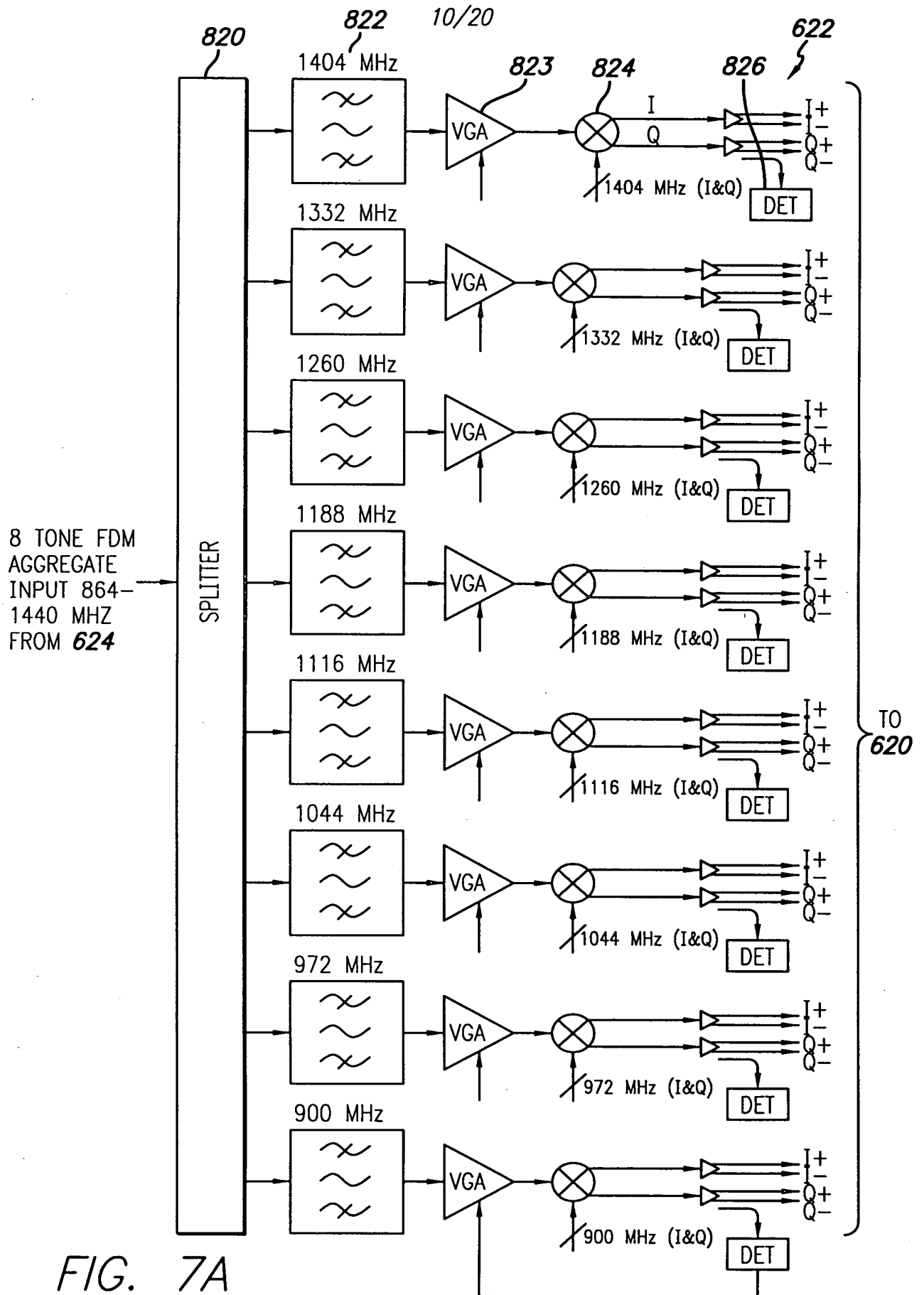


FIG. 6B





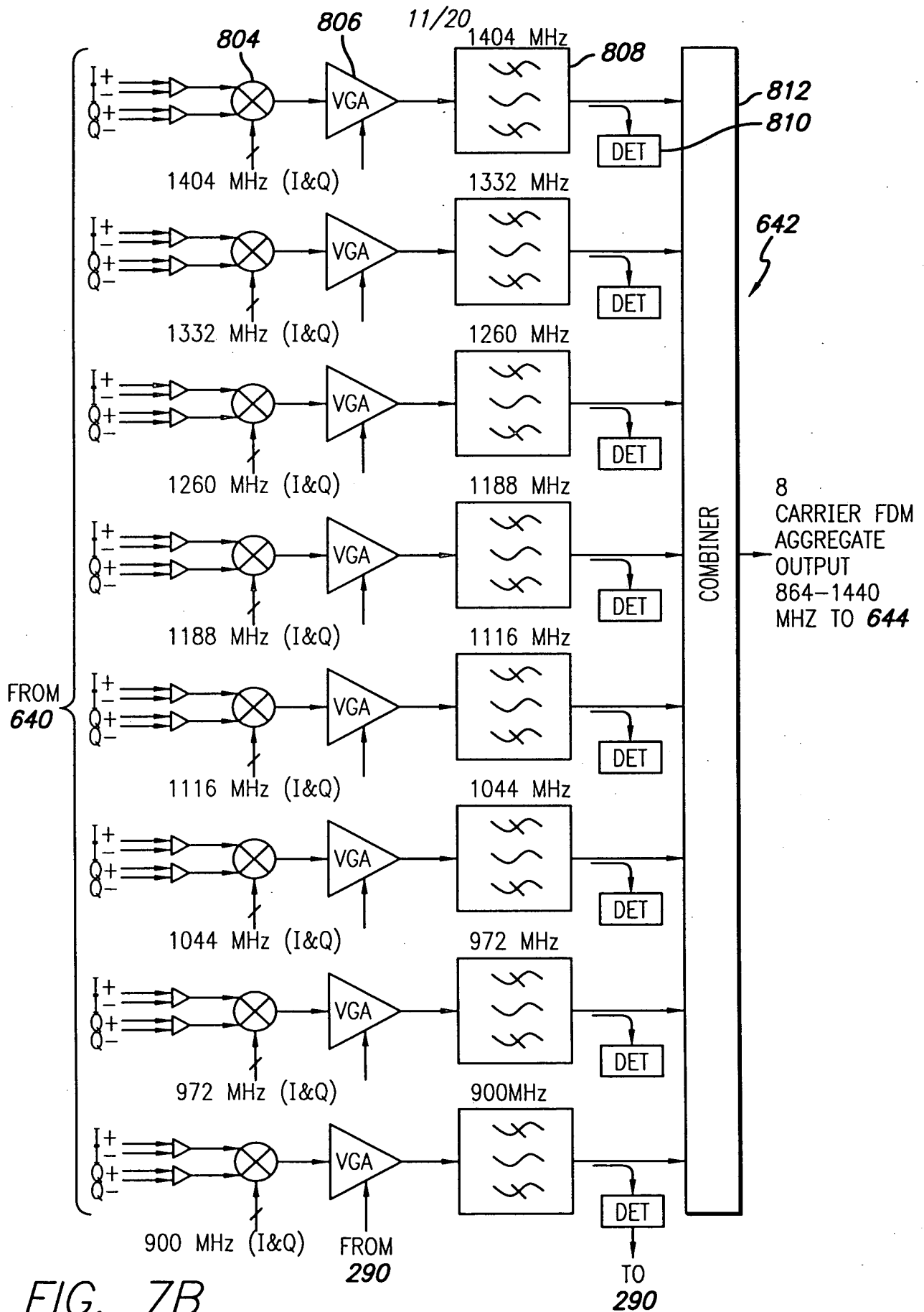
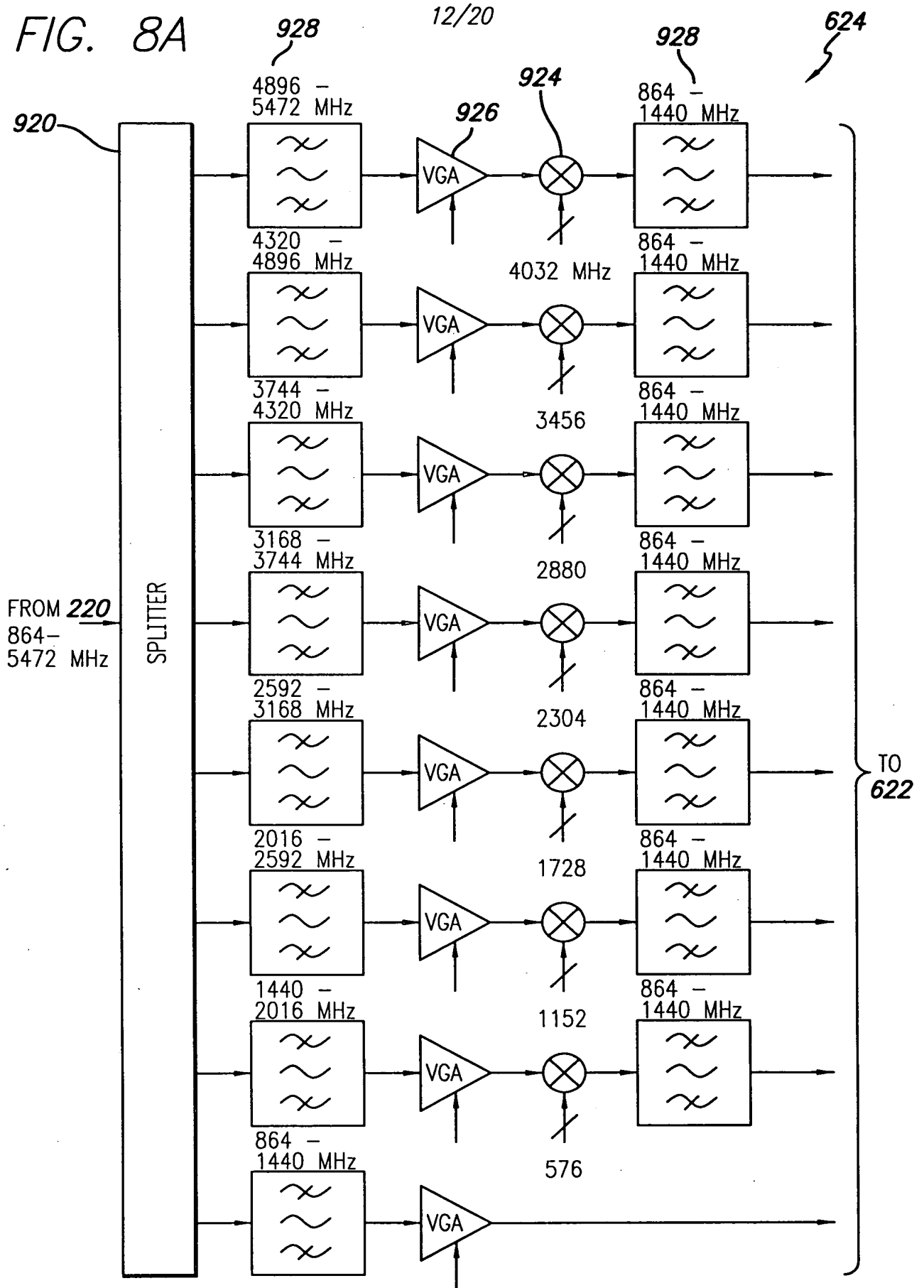
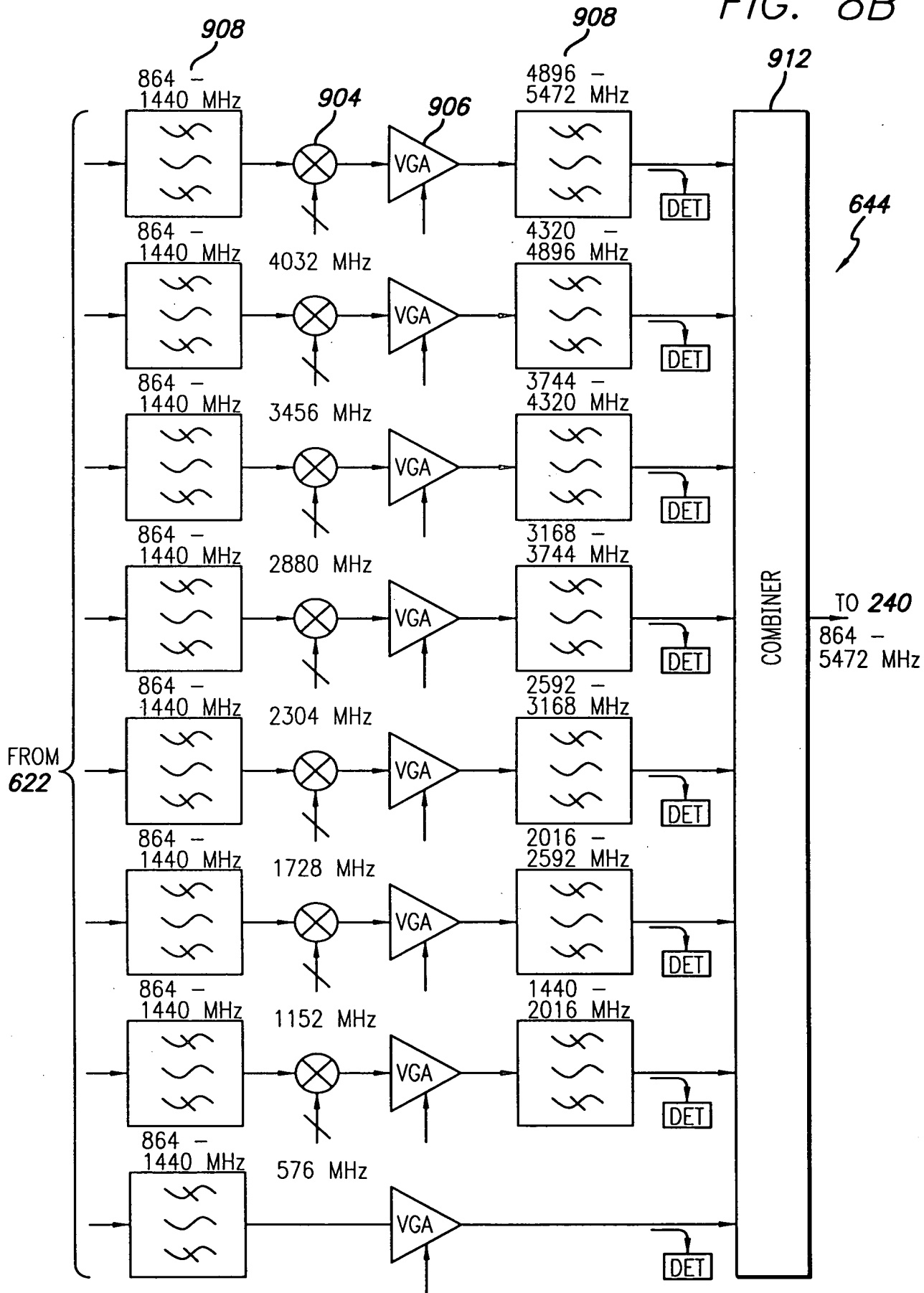


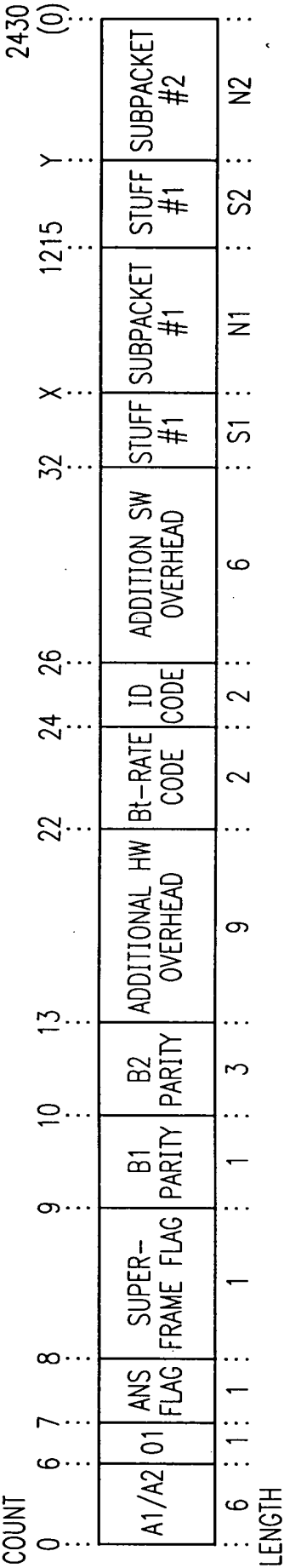
FIG. 8A



13/20

FIG. 8B





14/20

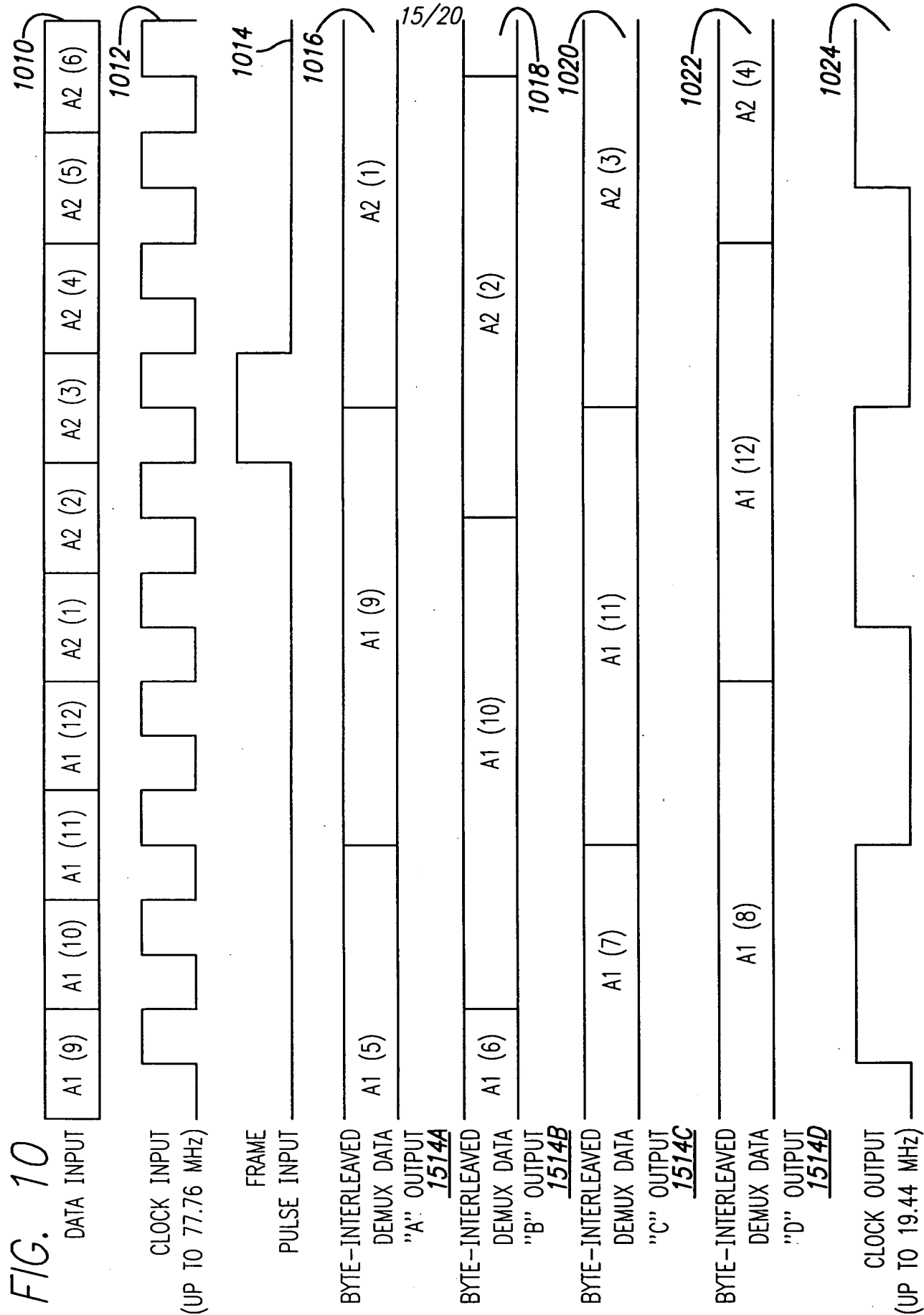
A1/A2 bytes-SONETheader for STS3.
Additional SW Overhead-6bytes
Additional HW Overhead-9bytes
Subpacket-target bytes carried in frame. Two subpackets to reduce system latency.
Stuff-stuff bytes to fill unused parts of packet.
Parity-1 byte parity for performance monitoring

N1-subpacket 1 byte count
N2-subpacket 2 byte count
N1+N2=N(target signal bytes per frame)
S1-Stuff #1 byte count
S2-Stuff #2 byte count
X-Stuff #1 end count Memory mapped register
Y-Stuff #2 end count Memory Mapped register
T-Target Signal Data Rate

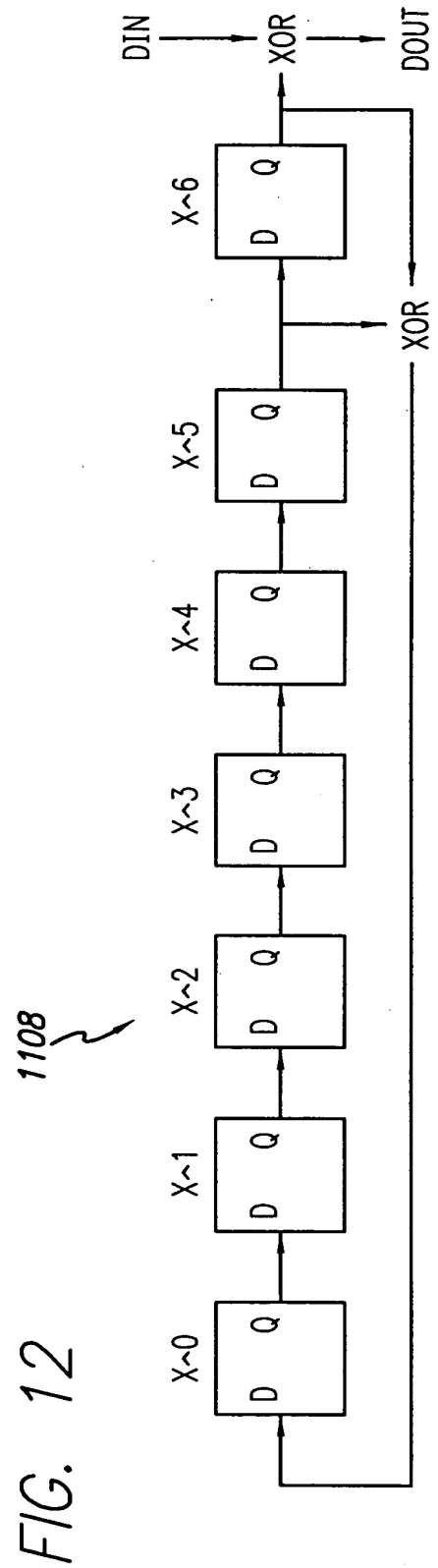
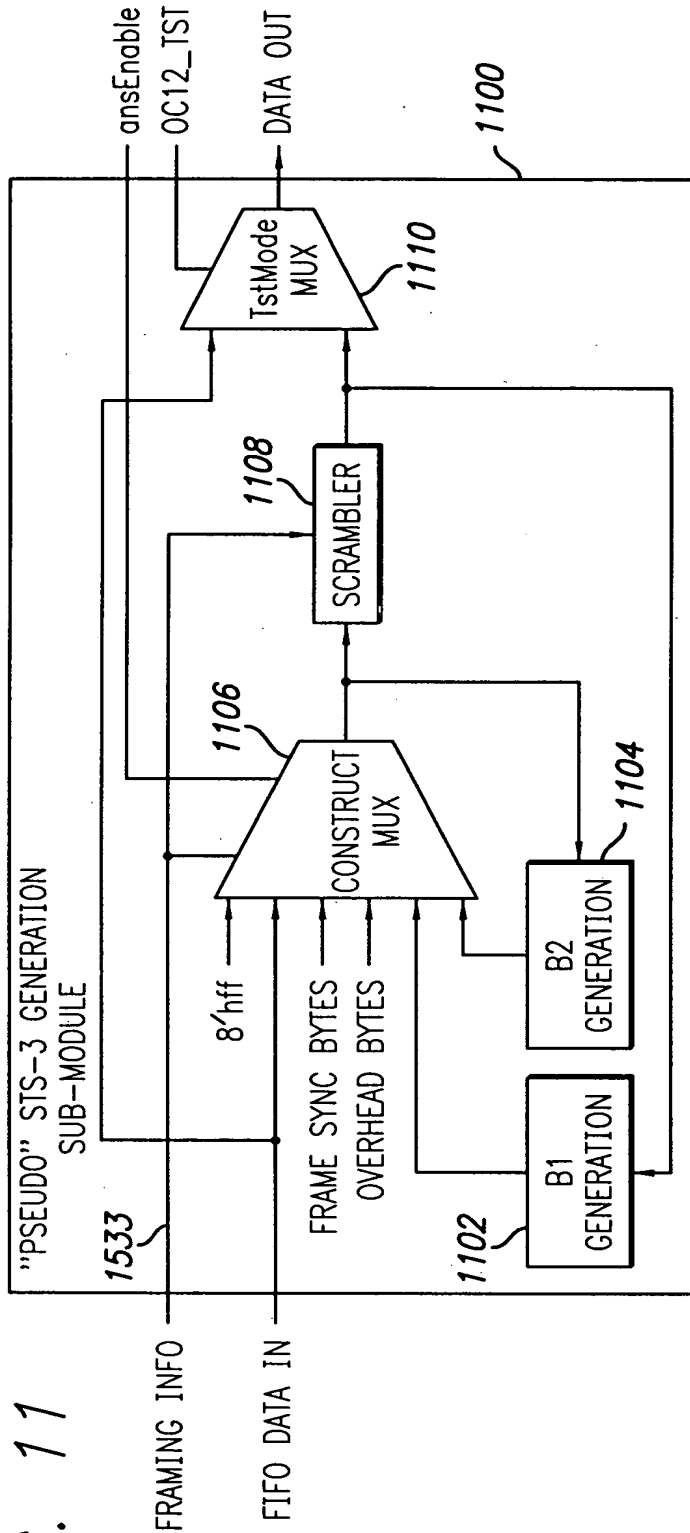
$$N=T/(8kHz)*(1/8)*(1/4) \text{ bytes/frame}$$

$$S1+S2=2430-N-32 \text{ bytes/frame}$$

FIG. 9



16/20



17/20

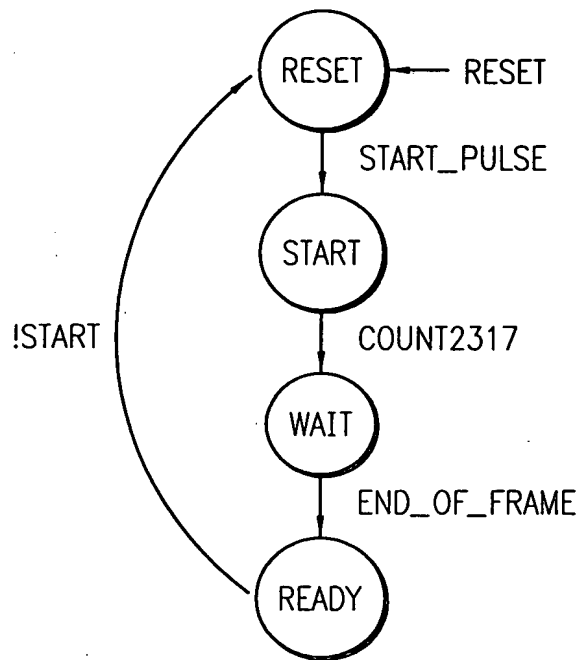


FIG. 13

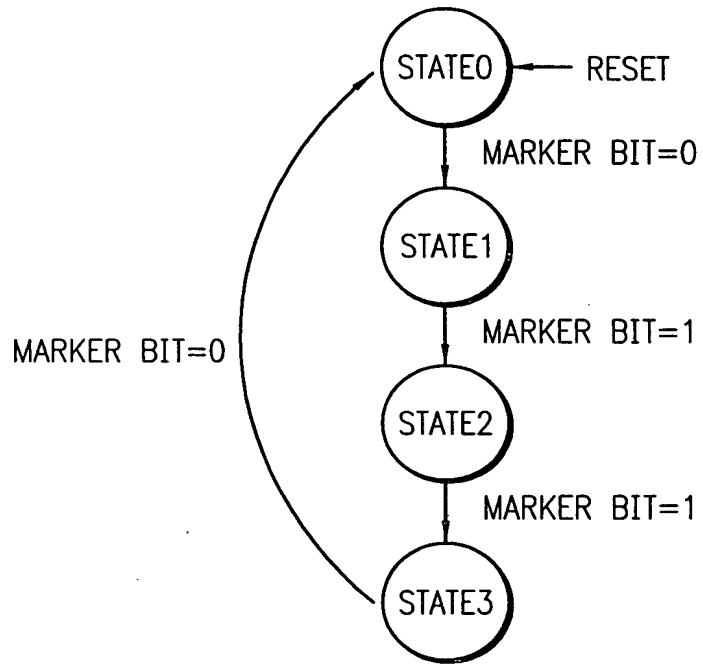


FIG. 14

19/20

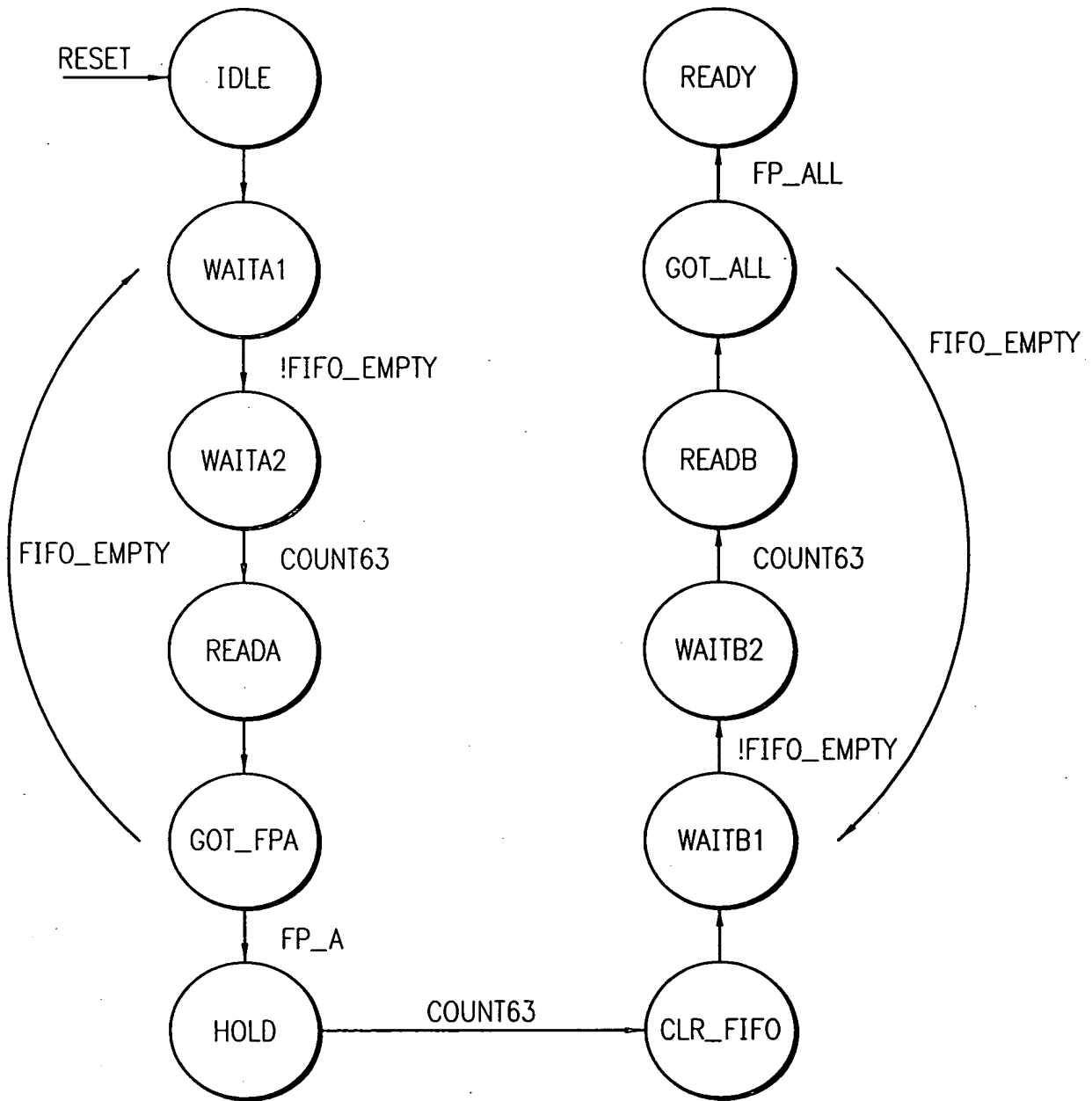


FIG. 17

FIG. 18

